Claims

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- 1. A NHR₁R₂R₃⁺ salts of omeprazole and of esomeprazole, wherein R₁ is a linear, branched C_1 - C_{12} -alkyl group, or a cyclic C_3 - C_{12} -alkyl; wherein the linear or branched alkyl group may be substituted or interrupted with a cyclic C_3 - C_6 -alkyl or alkylene group or with a phenyl or phenylene group; and wherein the cyclic alkyl or alkylene group or the phenyl or phenylene group is further substituted by 0, 1, 2, 3 methyl groups; and R₂ and R₃ are hydrogen.
- 2. The NHR₁R₂R₃⁺ salts of omeprazole and of esomeprazole according to claim 1 wherein the R₁ is selected from linear, branched or cyclic C_1 – C_6 -alkyl group wherein the linear or branched alkyl group may be substituted or interrupted with a cyclic C₃-C₅-alkyl or alkylene group or with a phenyl or phenylene group; and wherein the cyclic alkyl or alkylene group or the phenyl or phenylene group is further substituted by 0, 1, 2, 3 methyl groups.
 - 3. The $NHR_1R_2R_3^+$ salts of omeprazole and of esomeprazole according to any of claims 1 or 2 wherein the R_1 is selected from linear, branched or cyclic C_4 -alkyl group wherein the linear or branched alkyl group may be substituted or interrupted with a cyclic C_3 -alkyl or alkylene group; and wherein the cyclic alkyl or alkylene group is further substituted by 0, 1, 2, 3 methyl groups.
 - 4. The NHR₁R₂R₃⁺ salts of omeprazole and of esomeprazole according to any of claims 1 or 3 wherein NHR₁R₂R₃⁺ has a pKa value equal or above 10.
 - 5. The $NHR_1R_2R_3^+$ salts of omeprazole and of esomeprazole according to any of claims 1 or 4 wherein $NHR_1R_2R_3^+$ has a pKa value equal or above 10.5.
 - 6. The NHR₁R₂R₃⁺ salts according to any of claims 1 to 5 characterized in that it is the NHR₁R₂R₃⁺ salt of omeprazole.

- 7. The $NHR_1R_2R_3^+$ salts according to any of claims 1 to 5 characterized in that it is the $NHR_1R_2R_3^+$ salt of esomeprazole.
- 8. The NHR₁R₂R₃ $^+$ salts according to claim 6 characterized in that it is the *tert*-butylammoniumsalt of omeprazole.
 - 9. The NHR₁R₂R₃ $^+$ salts according to claim 7 characterized in that it is the *tert*-butylammoniumsalt of esomeprazole.
 - 10. The NHR₁R₂R₃ $^+$ salts according to any of the claims 1 to 9 characterized in that the compound is crystalline.
 - 11. A process for preparation of a NHR₁R₂R₃⁺ salt of omeprazole and of esomeprazole, according to any of claims 1 to 10, which comprises the following steps:
 - a) dissolving omeprazole or esomeprazole in an organic solvent;
 - b) adding a NR₁R₂R₃ -compound and precipitating the desired salt;
 - c) isolating and drying of the obtained salt of omeprazole or esomeprazole.
 - 12. The process according to claim 11 wherein the organic solvent is acetonitril or *tert*-butyl methyl ether.
- 25 13. The process according to any of claims 11 and 12 wherein a NHR₁R₂R₃⁺ salt of omeprazole is obtained.
 - 14. The process according to any of claims 11 and 12 wherein a NHR₁R₂R₃ $^{+}$ salt of esomeprazole is obtained.

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- 15. A pharmaceutical composition comprising the $NHR_1R_2R_3^+$ salt of omeprazole or esomeprazole according to any of claims 1 to 10 as active ingredients in association with pharmaceutically acceptable excipients and optionally other therapeutic ingredients.
- 16. Use of the $NHR_1R_2R_3^+$ salt of omeprazole or esomeprazole according to any of claims 1 to 10 for the manufacture of a medicament for use in the treatment of gastric acid related condition.
- 17. A method for treatment of a gastric acid related condition which method comprised administering to a subject suffering from said condition a therapeutically effective amount of the NHR₁R₂R₃⁺ salt of omeprazole or esomeprazole according to any of claims 1 to 10.